Diploma Thesis Assignment

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Study Programme: N2647 Information and Communication Technology
Study Branch: 2612T025 Computer Science and Technology
Title: Hardware accelerated neuronové sítě
Hardware Accelerated Neural Networks

Description:
The goal of this thesis is to analyze possibilities of GPU driven hardware acceleration in the area of artificial neural networks. In particular, the thesis should contain following parts:

1. State of the art.
3. A description of the selected neural network and the implementation framework.
4. A description of implementation itself and a summarization of appropriate test cases.

References:
According to supervisor's directions.

Extent and terms of a thesis are specified in directions for its elaboration that are opened to the public on the web sites of the faculty.

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Date of issue: 19.11.2010
Date of submission: 06.05.2011

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